

USB INTEGRATED MODULE

ABSTRACT OF THE DISCLOSURE

USB integrated module. A modularized serial data module is disclosed for interfacing with a serial data line operating in accordance with a first serial data protocol that transmits/receives data and also provides power to the modularized serial data module. The module includes a connector housing for providing a physical interface with the serial data line. A processor housing is disposed adjacent the connector housing and operable to interface therewith. A processor is disposed within the processor housing and operable to be powered by the serial data line through the connector housing and is also operable to interface with the data portion of the serial data line through the connector housing. The processor is operable to provide processing of information based upon data received from the serial data line through the connector housing or processing of information for transmission to the serial data line through the connector housing.